

# **SCHLESWIG-HOLSTEIN AND THE UNITED STATES**

## **I. Economic and Business Connections**

### **A. Investment**

#### **U.S. Investment in Schleswig-Holstein**

- There are 26 U.S. companies in Schleswig-Holstein where U.S. shareholders hold at least 51% of the stock.
- The top 8 U.S. companies provide more than 8,950 jobs.
- US companies represent almost one-sixth of all manufacturing jobs in the state.

#### **Five Top U.S. Companies (2006) Employees Sales (in €)**

(Source: HSH Nordbank, cited in <http://www.team->

[ag.com/fileadmin/user\\_upload/Dokumente/image/Die\\_100\\_SH\\_2007.pdf](http://www.team-ag.com/fileadmin/user_upload/Dokumente/image/Die_100_SH_2007.pdf) ; <http://www.motorola.de>)

Ethicon	2,287	339,000,000
Autoliv	1,618	1,129,000,000
Honeywell Bremsbelag	1,213	217,000,000
Motorola	1,200	42,900,000
Caterpillar	1,160	545,000,000

#### **Schleswig-Holstein Investment in the U.S.**

Data unavailable.

#### **Five Top Schleswig-Holstein Companies (2006) Employees Sales (in €)**

Schleswig-Holstein's Ministry of Economics, Office of Protocol, and Trade Promotion Office were all unable to provide data on companies in the U.S. They currently do not track this information.

### **B. Trade**

	<b><u>2006</u></b>	<b><u>2007</u></b>	<b><u>2008</u></b>
<b>Exports to U.S.</b>	908.767	1,066,233	1,177,264
<b>Imports from U.S.</b>	878.647	798.010	729,710
<b>Total Trade (Goods)</b>			

(Source: Statistikamt Nord)

#### **U.S. Trade with Schleswig-Holstein**

- In 2008, U.S. exported €729 million in goods to Schleswig-Holstein (3.4% of Schleswig-Holstein's total imports).

#### **Schleswig-Holstein Trade with the U.S.**

- In 2008, Schleswig-Holstein exported €1.177 billion in goods to the U.S. (6.4% of Schleswig-Holstein's total exports). (Source: Ministerium für Wissenschaft, Wirtschaft und Verkehr des Landes Schleswig-Holstein)

## II. People-to-People Connections

### A. Tourism from the U.S.

	2005	2006	2007	2008
Overnight stays by U.S. tourists	25,602	31,527	28,973	26,441

(Source: Statistikamt Nord)

### B. Resident Citizens and Emigrants

	2006	2007	2008
U.S. citizens resident in Schleswig-Holstein	1,802	1,747	1,780

(These figures do not include dual citizens.)

## III. Research & Technology Connections

### A. Universities and Technical Colleges

### B. Research Institutes

- Research Center Borstel, Leibniz-Center for Medicine and Biosciences. This research center focuses on health and biomedical research in pneumology, in particular the molecular and cellular basis of infection, allergy and inflammatory diseases. Its U.S. partners are the University of Alabama, Trudeau Institute (Saranac), Sandler Institute (San Francisco), National Cancer Institute (Frederick National Institute of Health), NIAID (NIH, Bethesda), University of Pennsylvania, Washington University School of Medicine (St. Louis), Harvard Medical School (Boston), Rockefeller University (New York), University of Iowa, University of Nebraska, University of Michigan, Scripps Research Institute (La Jolla), University of Texas, Stanford University, and the University of Missouri
- **Leibniz Institute of Marine Sciences at the University of Kiel (IFM-GEOMAR):** The IFM-GEOMAR conducts research in all marine sciences, and operates world-wide in all ocean basins. Its main research topics include ocean circulation and climate dynamics, marine biogeochemistry, marine ecology, and dynamics of the ocean floor. Its U.S. partners in research are: Scripps Institute of Oceanography, Woods Hole Oceanographic Institute, University of California (Santa Barbara), University of California (San Diego), University of North Carolina, University of Guam, School of Oceanography (University of Washington), Rosenstiel School of Marine and Atmospheric Science, Lamont-Doherty Earth Observatory, School of Oceanography (University of Washington), Ohio State University, Schilling Robotics, National Oceanic and Atmospheric Administration, Atlantic Oceanographic and Meteorological Laboratory, National Center for Atmospheric Research, and Texas A&M.
- **GKSS Research Centre Geesthacht:** The GKSS Research Center is member of the Helmholtz Association, Germany's largest scientific organization. GKSS' main research areas cover materials science with a focus on advanced engineering materials, materials research with neutrons and synchrotron radiation and biomaterials for regenerative medicine, as well as climate and environmental research in particular on coastal dynamics and its natural and anthropogenic drivers. The GKSS has extensive contacts to U.S. research institutes. Its U.S. partners in coastal and climate research are: Institute of Marine and Coastal Sciences (Rutgers University, New Brunswick), Woods Hole Oceanographic Institute, School of Marine Sciences (University of Maine), College of Marine Science

(University of South Florida), School of Oceanography (University of Washington), Cooperative Institute for Environmental Sciences (CIRES), Colorado University (CU), Boulder, CO, National Center for Atmospheric Research (NCAR), Boulder, CO, Scripps Institution for Oceanography, University of California, San Diego, CA, University of Washington, Seattle, WA, Colby College, Waterville, MA, University at Manoa, University of Hawaii, Honolulu, HI, Center for Research on the Changing Earth System, Columbia, MD, University of Miami, The Rosenstiel School of Marine and Atmospheric Science (RSMAS), FL, Oceanography Division, Naval Research Laboratory, Stennis Space Center, MS, School of Marine and Atmospheric Sciences, Stony Brook University, Stony Brook, NY. Its U.S partners in materials research are the MPI-WPI (MA) the University of Virginia (VA) within the “Materials World Network” funded by the German DFG and the U.S. National Science Foundation (NSF), the California Institute of Technology (CA), the Southwest Research Institute (TX) within the EU-Project NESSHY, the ARID Technologies Inc. (IL), and the Spallation Neutron Source (SNS) in Oak Ridge (TN), University of Alabama. Recently the NSF funded an Engineering Research Cluster(ERC) “Revolutionizing Metallic Biomaterials” which had been proposed by North Carolina A&T State University (Lead), University of Pittsburgh and University of Cincinnati. One of the GKSS research directors has been announced as a member of the Scientific Advisory Board of this ERC. Future joint projects will focus on the development of magnesium based materials for biomedical applications.

- **Kiel Institute for the World Economy (IfW):** The IfW is an international center for research in global economic affairs, economic policy consulting, economic education and other services, headed by American Prof. Dennis Snower. The Institute engages in creating solutions to urgent problems in global economic affairs. On the basis of its research, the Institute advises decision-makers in policy, business, and society and informs the broader public about important developments in international economic policies. As a portal to research in global economic affairs, the Kiel Institute has established a network of International Research Fellows that supports the worldwide awareness of the Institute’s activities and gives additional research impulses in form of scientific advice, joint research, and teaching stays in Kiel. The IfW cooperates closely with the National Bureau of Economic Research in Cambridge/Massachusetts, the Peterson Institute for International Economics in Washington D.C. and a number of American universities.
- **The German National Library of Economics (ZBW) – Leibniz Information Centre for Economics:** The Kiel based ZBW is the world’s largest specialist library for economics, with locations in Kiel and Hamburg. It cooperates closely with the American Economic Association.

## IV. Educational & Cultural Exchanges

### A. Educational

- **“Windows on America” Youth Delegation from Kiel:** From October 13 to 26, 2008, ten “Windows on America” participants from Kiel visited Washington D.C., Ohio and New York City for two weeks. The group was composed of six youths associated with the Turkish Community of Schleswig-Holstein and four students from the Integrated Secondary School Hassee in Kiel. Six participants were of Turkish origin; the remaining four were of Iraqi, Iranian, Burundi and Ethiopian origin. The Consulate General in Hamburg with the Berlin Embassy sponsored the trip and arranged a special English language and preparatory course for the diverse group. The students returned full of praise for their program and enthusiasm

for the U.S., singling out the time they spent with American host families in Ohio as the highlight of the visit.

- **University of Flensburg:** The University of Flensburg is currently developing a center for teacher education, offering bachelor's and master's degrees in Teaching Sciences. It also offers courses in cultural studies and in economics, organized in close cooperation with the University of Southern Denmark. The master's course in Sustainable Energy Systems and Management has gained an international reputation. Its U.S. partner universities are California State University (Sacramento), University of Miami, Knox College, St. Olaf College, and Winthrop University.
- **University of Applied Sciences Flensburg:** Collaborations include the University of North Carolina in business and information management, Kennesaw State University in business management, South Dakota School of Mines and Technology in energy and environmental management, and South Dakota State University in biotechnology.
- **University of Kiel:** The University of Kiel has a strong relationship with Penn State University in Germanic language studies and agricultural sciences, and has foreign exchange programs with Indiana University (Bloomington), the University of Kansas, the University of Utah, and the University of Illinois.
- **University of Applied Sciences Kiel:** The University of Applied Sciences Kiel was founded on 1 August 1969 as a result of the merger of several government-run schools of engineering and technical colleges. U.S. partner universities include University of Massachusetts (Amherst), Suffolk University, Texas A&M University, Western Michigan University, California State Polytechnic University, South Dakota School of Mines and Technology, United States International University (San Diego), and Penn State University.
- **University of Applied Sciences Lübeck:** Lübeck's U.S. partner university is the Milwaukee School of Engineering. The two collaborate in electrical, mechanical, and industrial engineering.
- **University Lübeck:** Founded in 1964, the University Lübeck is characterized by top research and academic teaching at the interface of medicine, sciences and technology. The university has a medical as well as technical-scientific college. The University Lübeck maintains a partnership with the U.S. University of Albuquerque (New Mexico). Concerning research the University Lübeck places particular emphasis on the special research fields of the DFG (German Research Association), the "Molecular Mechanisms of Inflammable and Degenerative Processes" and "Glycostructures in Biosystems – Description and Effect."
- **International School of New Media (ISNM), University of Luebeck:** The ISNM offers the unique interdisciplinary Master of Science in Digital Media, which combines information technology and computer science with economics, the natural sciences, arts and humanities, social and applied sciences in the field of digital media. Also offered is an executive program for further professional development. Its U.S. partner universities are the University of Colorado (Boulder) and the University of California (Santa Barbara).
- **Nordakademie UAA Graduate School of Economics, Elmshorn:** The first private German university founded and funded directly by industry, Nordakademie is supported by non-profit, public limited company. Shareholders of this company include 43 well-known companies, and more than 400 companies collaborate with the graduate school. Its business programs offer courses in foreign languages, seminars, semesters abroad, lectures on corporate practices and excursions. Its U.S. partner universities are Boston College and North Eastern University.
- **University of Applied Sciences, Wedel:** This private university offers bachelor's, master's, and doctorate degrees in business, computer science and engineering. Students network with

businesses through the university's development association "Wedeler Hochschulbund e.V. (WHB)". 80 companies, including AOL Germany, Jungheinrich and Tchibo, are members of this association. Students can spend one semester at one of 24 partner universities around the world. Its U.S. partner universities are Belmont Abbey College, Binghamton University, and Iowa State University.

## **B. Foundations**

- **Kennedy Infozentrum:** The Kennedy Infozentrum is a German-American Institute in Kiel that is run by an all-volunteer staff. It has a library and offers English courses, student advising services and manifold programs on all aspects of U.S. society, politics, and culture. The Kennedy Infozentrum is part of "EducationUSA," a global network of more than 450 advising centers supported by the Bureau of Education and Cultural Affairs at the U.S. Department of State.

## **C. Partnerships**

- **Eutin and Lawrence, Kansas:** Helmut Huelsbergen from Eutin began establishing contacts in Lawrence, KS in 1964. A foreign exchange program between Eutin and the University of Kansas soon developed. In October 1989, Eutin and Lawrence declared themselves sister-cities. The two maintain contact not only through the student exchange program, but also through cultural exchanges such piano recitals, choir concerts, and art exhibitions.
- **Pinneberg and Rockville, Maryland:** Sister-cities since 1957, Pinneberg and Rockville enjoy a very active exchange program. Rockville landmarks dedicated to the sister-city relationship include the Pinneberg Friendship Gardens in front of City Hall, the sculpture "One Site" by Pinneberg artist Gabrielle Schmidt-Heins, the Pinneberg Room in the Rockville Civic Center Mansion (which holds photographs and memorabilia of the exchanges), and, most recently the Rockville Sister City Friendship Bridge, which commemorates the 50<sup>th</sup> anniversary of the sister-city relationship.
- **Environmental Partnership:** Schleswig-Holstein and the state of Maryland have been environmental partners since 2002. Their similar topographies of extended coastline and estuaries make them ideal partners in pursuing comprehensive approaches in water and wetland management. Both states have made formal decisions to increase the share of renewable energies, and focus on research land management as exemplified by Maryland's "Smart Growth" program. In the future, the two will begin to exchange information and technical expertise.

*U.S. Consulate General Hamburg. August 2009.*